

OmniReach™ FTTX Solutions

Outdoor Fiber Distribution Terminal 24 (OFDT-24)



The Outdoor Fiber Distribution Terminal 24 (OFDT-24) is designed to terminate, splice and interconnect fiber optic cables in an outdoor environment. This terminal may be adapted to Fiber-to-The-Premise (FTTP) Multiple Dwelling Unit (MDU) applications and is particularly suited for garden style MDU buildings. The enclosure is mounted to the exterior surface of a dwelling and connects the distribution cable and drops routed to individual living units. The cables meet at a central connector field that includes termination for the distribution cable and parking for the drop cables. The cabinet may be configured with splice trays for splicing the cable to connector pigtails. The OFDT-24 may be pre-terminated on the distribution side with outside plant cable stubs so that the unit is quickly connected to the plant. The OFDT-24 may also be pre-wired with pigtails on the drop side so that individual drops routed into the unit can be spliced to the connectorized pigtails.

The OFDT-24 features a unique “swing frame” type design that separates the splicing in the rear from the patch access in the front of the swing frame. It allows for easy connector access to the rear connectors for maintenance and cleaning. This approach allows for a single door sealing method, ensuring reliability to withstand long-term outdoor conditions.

The unit accommodates a variety of OSP cable types via sealed grommet entry. Cables are secured with standard grip clamps to provide required pull out strength. The enclosure provides grounding for metallic members and for the cabinet.

The OFDT-24 product accommodates 6, 12, or 24 living units. Distribution cable fibers are terminated on standard SC/APC adapters that are easily accessible for service connection and maintenance. Drop pigtails are initially terminated on parking adapters adjacent to the distribution termination adapters and staged at the parking positions until the living units request service. Moving the drop pigtails from the parking position to the assigned distribution fiber allows for easy service connections.

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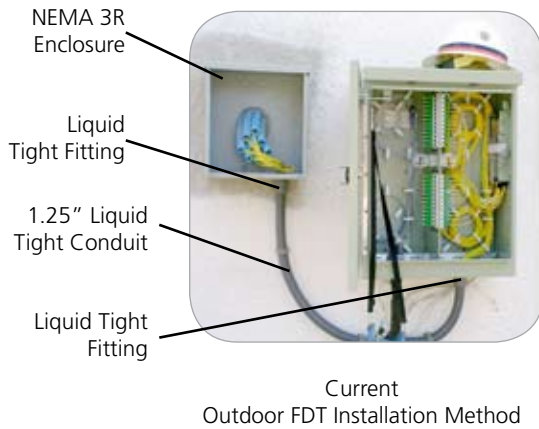
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Features and Benefits

- Accommodates smaller fiber counts; 6-, 12- and 24-fiber
- Eliminates need for transitional NEMA box that provides for mini-ducts
- Liquid tight fittings offer cost savings
- Aesthetic benefits to MDU building owners
- Supplied with parking, pigtailed and splice tray
- Wall-mount; efficient use of wall space
- Cable termination and splicing
- Complete connector access
- Lockable 216 tool/padlock offers flexible security options
- Environmental enclosure provides heavy-duty protection from wind, dust, rain, and other contaminants
- Aluminum welded construction provides strength and resists corrosion
- Lightweight structure provides for easy installation
- Cable entrance ports seal cable at entry
- Cable management and routing limits radius and adds strain relief
- Standard stub lengths of 100, 300, 500, and 1000 feet

Advantages and Cost Benefits of New OFDT-24

The new OFDT-24 design allows for micro-ducts to enter into the back of the OFDT box. The 8" x 3" oval cut-out on the right side of the back wall allows the installer to locate the OFDT right over the micro-ducts exiting the building. This feature eliminates the need for the transitional NEMA box used to transition from the micro-duct exit location into the OFDT. This new feature offers cost, labor, and aesthetic benefits to the MDU building owners over the current installation method. When not used, the oval cut-out can be covered with the provided gasketed plate. There is also a knock-out hole in the bottom of the cabinet to accommodate every type of installation application.



Equipment Requirements	Current Method	New Method
NEMA 3R Enclosure	Required	Not Required
Liquid Tight Fitting	Required	Not Required
1.25" Liquid Tight Conduit	Required	Not Required



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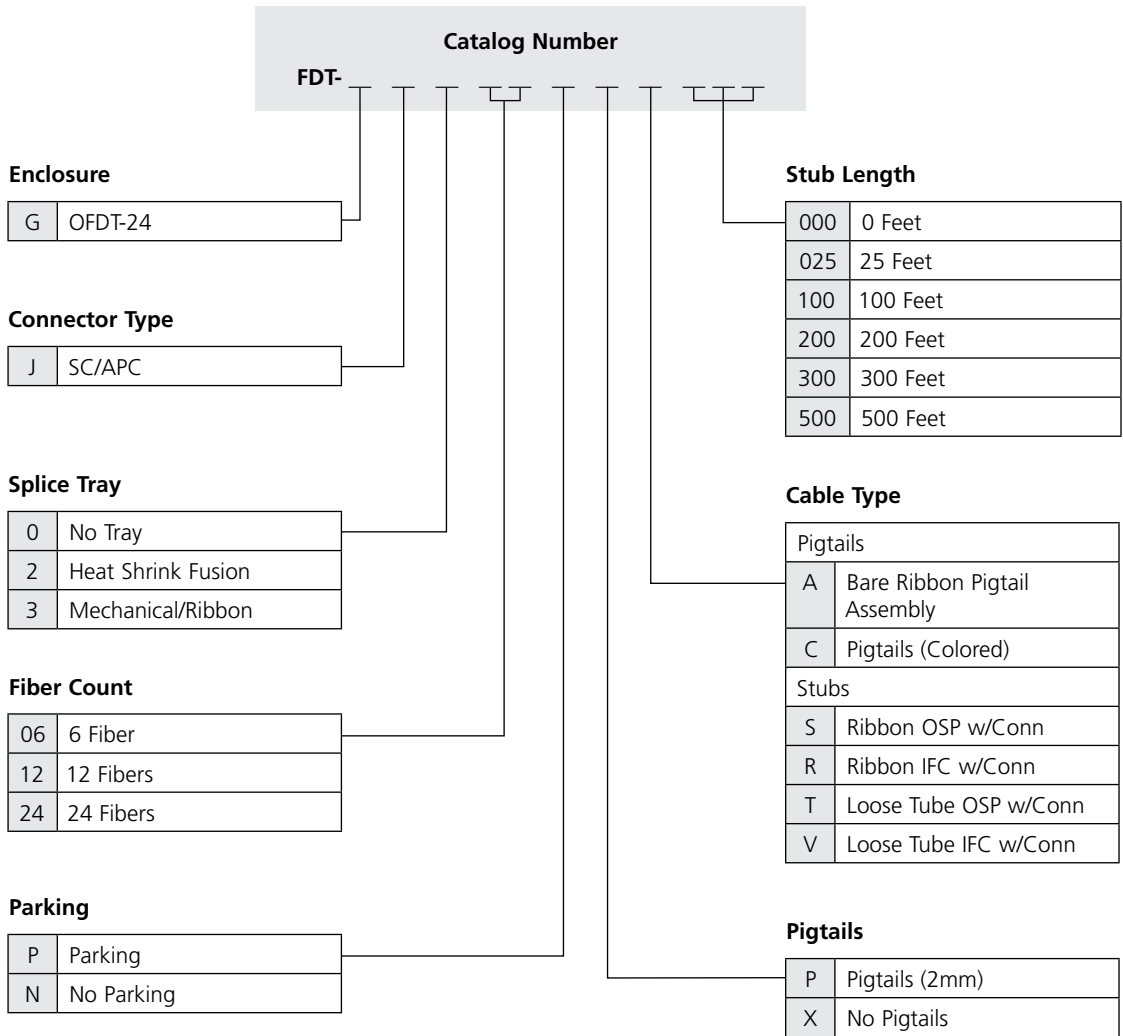
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Specifications

Height:	13.5" (35.0 cm)
Width:	19.0" (49.0 cm)
Depth:	8.0" (20.0 cm)
Weight (Empty):	14 lbs (31 kg)
Fiber Terminations:	6, 12, 24
Parking Adapters:	6, 12, 24
Splice Trays:	3
Cable Ports:	2 in bottom; 1 in rear
Color:	Beige

Ordering Information

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